

Title (en)

Socket joint and clamp assembly for a socket joint

Title (de)

Muffenverbindung und Klemmvorrichtung für eine Muffenverbindung

Title (fr)

Raccord de tuyaux à manchon et dispositif de serrage pour un raccord de tuyaux à manchon

Publication

EP 1055858 A3 20020327 (DE)

Application

EP 00105933 A 20000323

Priority

DE 19922729 A 19990518

Abstract (en)

[origin: EP1055858A2] The socket connection between two pipe sections, where the plain end (60) of one pipe (62) is inserted into the expanded soc end (16) of the other pipe (14), has a radially inner edge (20) at the socket with at least two recesses (26,28) in a ring segme shape. A clamp (40) holds the plain end (60) of the second pipe within the socket (16) of the other pipe, supported at the edge (20). The clamp (40) has two clamping ring segments (42,44), each with a flange (50) projecting axially from the free ends. Each flange (50) has a projection (56) at the ends away from the clamps (42,44), acting with the facing projection of the other clamp (42,44).

IPC 1-7

F16L 21/00; F16L 21/08; F16L 37/092

IPC 8 full level

B23Q 1/58 (2006.01); **F16L 21/00** (2006.01); **F16L 21/08** (2006.01); **F16L 37/092** (2006.01)

CPC (source: EP)

F16L 21/08 (2013.01)

Citation (search report)

- [DA] AT 372769 B 19831110 - TIROLER ROEHREN & METALLWERK [AT]
- [A] US 4867488 A 19890919 - JONES LAWRENCE S [US]

Cited by

EP3460305A1; NL1022008C2; EP2336624A3; DE202013103431U1; DE202009017002U1; EP2336624A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1055858 A2 20001129; **EP 1055858 A3 20020327**; **EP 1055858 B1 20040107**; AT E257565 T1 20040115; DE 19922729 C1 20001116; DE 50004960 D1 20040212

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